

## CLAIMS

1. A display apparatus comprising:

a first display panel including a first electro-optic display medium, a first electrode-line group having a plurality of electrode lines to supply a driving signal to the first electro-optic display medium, and  
5 an active element that controls supply of the driving signal to the first electro-optic display medium;

a second display panel including a second electro-optic display medium, and a second electrode-line group having a plurality of  
10 electrode lines to supply a driving signal to the second electro-optic display medium; and

a connecting member that connects the first display panel and the second display panel, wherein

at least a part of the electrode lines of the first electrode-line  
15 group are connected to a part or all of the electrode lines of the second electrode-line group via the connecting member.

2. The display apparatus according to claim 1, further comprising an inter-panel switching element that is provided between the electrode  
20 lines of the first display panel and the electrode lines of the second display panel that are connected to each other, and controls passage and non-passage of the driving signal.

3. The display apparatus according to claim 1, further comprising a  
25 protection switching element that is provided between the electrode

lines of the first display panel and the electrode lines of the second display panel that are connected to each other, and disperses static electricity generated in the electrode lines.

- 5     4.     The display apparatus according to claim 1, further comprising:  
         an inter-panel switching element that is provided between the  
         electrode lines of the first display panel and the electrode lines of the  
         second display panel that are connected to each other, and controls  
         passage and non-passge of the driving signal; and  
10           a protection switching element that is provided between the  
         inter-panel switching element panel and the electrode lines of the  
         second display panel, and disperses static electricity generated in the  
         electrode lines.
- 15     5.     The display apparatus according to claim 1, wherein a driving  
         circuit that supplies the driving signal is connected to the first display  
         panel.
- 20     6.     The display apparatus according to claim 1, wherein a driving  
         circuit that supplies the driving signal is connected to either of the first  
         display panel and the second display panel, of which a display area is  
         smaller.
- 25     7.     The display apparatus according to claim 1, wherein a driving  
         circuit that supplies the driving signal is connected to the connecting

member that connects the first display panel and the second display panel.

8. The display apparatus according to any one of claims 5 to 7,  
5 wherein a driving circuit that supplies the driving signal is connected using an anisotropic conductive-film made of an electric conductor and an adhesive.

9. The display apparatus according to claim 2 or 4, wherein  
10 the first display panel and the second display panel are operated with different driving signals, and  
the inter-panel switching element includes a signal converting circuit that converts a driving signal for the first display panel into a driving signal for the second display panel.

15

10. The display apparatus according to claim 2 or 4, wherein  
the first display panel is an active-matrix liquid-crystal-display panel,

the second display panel is a passive-matrix  
20 liquid-crystal-display panel, and

the inter-panel switching element includes a signal converting circuit that converts a driving signal for the first display panel into a driving signal for the second display panel.

25 11. The display apparatus according to claim 2 or 4, wherein

the first display panel is an active-matrix liquid-crystal-display panel,

the second display panel is formed with an organic light-emitting diode, and

5 the inter-panel switching element includes a signal converting circuit that converts a driving signal for the first display panel into a driving signal for the second display panel.

12. The display apparatus according to claim 2 or 4, wherein

10 the first display panel is an active-matrix display panel formed with an organic light-emitting diode,

the second display panel is a passive-matrix liquid-crystal-display panel, and

the inter-panel switching element includes a signal converting  
15 circuit that converts a driving signal for the first display panel into a driving signal for the second display panel.

13. The display apparatus according to claim 2 or 4, wherein

the first display panel is an active-matrix display panel formed  
20 with an organic light-emitting diode,

the second display panel is an active-matrix liquid-crystal-display panel, and

the inter-panel switching element includes a signal converting  
circuit that converts a driving signal for the first display panel into a  
25 driving signal for the second display panel.

14. The display apparatus according to claim 1, further comprising:

a third display panel including a third electro-optic display medium, and a third electrode-line group having a plurality of electrode lines to supply a driving signal to the third electro-optic display medium;  
5 and

a second connecting member that connects the third display panel with either of the first display panel and the second display panel, wherein

10 a part or all of the electrode lines of the third electrode-line group are connected to the electrode lines of the first electrode-line group or the electrode lines of the second electrode-line group via the second connecting member.

15 15. The display apparatus according to claim 14, further comprising:

a fourth display panel including a fourth electro-optic display medium, and a fourth electrode-line group having a plurality of electrode lines to supply a driving signal to the fourth electro-optic display medium; and

20 a third connecting member that connects the fourth display panel with one of the first display panel, the second display panel, and the third display panel, wherein

a part or all of the electrode lines of the fourth electrode-line group are connected to the electrode lines of the first electrode-line group, the electrode lines of the second electrode-line group, or the  
25

electrode lines of the third electrode-line group via the third connecting member.